

Fig. 1A

SEQ ID NO: 45 L2

46	B
47	D
48	E
49	L1
50	F
51	C
52	A
53	H
54	L3
55	MU
56	PN

Leader

MKKLLKSVLVEAALS-SASSLQALPVGNPAEPSLMIDGILWEGFGDPCTTWCDAISSRMGYYGDFVDRVLQTDVNKEFQMGAKPTT-A-TGNAAA-PST									
VD 1									
I	K	E	H	S	T	D	S	T	L
	K	K	K	T	T	A	A	T	T
	K	K	K	TTS	TL	K	A	--S	--DV
	V	V	V	GLQND	TI	V	A	RDV	A
	A	V	V	LEKD	VV	A	A	--D	--K
	V	V	V	E	SDTA	LSND	E	A	G-D-ADLT
	L	L	K	Q	T	T	A	TP	--GS
	A	LA	FAG	VG	AP	T S			-AAN

SEQ ID NO: 57 L2

58	B
59	D
60	E
61	L1
62	F
63	C
64	A
65	H
66	L3
67	MU
68	PN

CTA---RENPPAYGRHMQDAEMFTNAAYMALINWDRFDVFCTLGGATSGYLKGNNSASFNLVGLFGDNENHATVSDSKLYPNMSLDOSWELYTDITFAWSAGARA									
VD 2									
S	N	QTK	NGTF	A	V				
	C	OK	K-AES	A	V				
	C	OS	K-TNS	S	V				
	C	QS	KKDA-	F	V				
		GV	- KPAADSI	VQ N	IN				
		TKTQSSSFNTA	I	TA					
		TKTQSSGFDTANI		N A					
		TKTQSTDNTA		IA NRA					
		TKTQSTNNTA		TA N A					
		RD TAVAAD	--I	V S A					
		VKGTTVNAME	--L	V SNG					
		SN IR	A	S S					
		TA							

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SEQ ID NO:	81	L2	DTRIAQPKSATTVFDVTTLNPTIAG-AGDVK-ASA-EGQLDTMQIVSLOLNKMKSRKSCGIAVGGTTIVDADKYAVTVETRLIDERAHHVNAQFRF
	82	B	E 1
	83	D	AI T
	84	E	AI T
	85	L1	AI T
	86	F	RV P V I
	87	C	EAIL
	88	A	KP L T
	89	H	EAIL
	90	L3	EA L
	91	MU	EE SILKM W
	92	PN	PP A LNL AW SLL -NATAL-STT-DS-FS

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Fig. 1B

			SEQ	ID NO.
CPN90-105	<u>C. pneumoniae</u>		C T G S A A - A N Y T T A V D - R P N	93
CTP89-105	<u>C. trachomatis</u> (mouse)		C T G D A D L T T A P T P A S - R E N	94
CTL91-106	<u>C. trachomatis</u> (L2)		C T T A T G N A A A P S T C T A R E N	95
CPS92-106	<u>C. psittacci</u>		C A S G T A - S N T T V A A D - R S N	96

Fig. 2

		SEQ	ID NO.
CPN158-171	<u>C. pneumoniae</u>	C F G V K G T T V N A N E - - - L P	97
CTP158-171	<u>C. trachomatis</u> (mouse)	C F G R D E T A V A A D D - - - I P	98
CTL159-175	<u>C. trachomatis</u> (L2)	C F G D N E N H A T V S D S K L V P	99
CPS160-172	<u>C. psittacci</u>	C I G L A G T D F - A N Q - - - R P	100

Fig. 3

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		SEQ	ID NO.
CPN342-354	<u>C. pneumoniae</u>	C Q I N K F Y S R K A C G	101
CTP342-354	<u>C. trachomatis</u> (mouse)	C Q I N K M K S R F A C G	102
CTL342-354	<u>C. trachomatis</u> (L2)	C Q L N K M K S R K A C G	103
CPS342-354	<u>C. psittacci</u>	C Q I N K F K S R F A C G	104

Fig. 4